

S/185/63/008/001/024/024  
2234/D308

Author: Buymistrov, V. M. and Knab, O. D.

Title: A possible mechanism of post-emission

Journal: Ukrayins'kyy fizychnyy zhurnal, v. 8, no. 1, 1963,  
145-147

Text: The authors measured the emission of fluorite between -50 and +100°C. The post-emission curve in the domain where the integral flow of electrons is largest, is approximated by an exponential function. The probability of thermal escape of electrons is practically independent of temperature. The authors did not make a detailed analysis of the escape from capture centers which is the subject of the article. Here is 1 figure.

Institution: Instytut napivprovodnykh i poluprovodnikovих diod, AS UkrSSR, Kiev, and Institute of Physics of the Taras Shevchenko University, Kiev, Taras Shevchenko University,

L 06257-67

ACC NR: AP6030976

SOURCE CODE: UR/0181/66/008/009/2768/2769

AUTHOR: Knab, O. D.; Magalyas, V. I.; Logginov, A. S.; Astaf'yev, A. S.

SD

ORG: none

B

TITLE: Effect of surface on the characteristics of injection semiconductor quantum  
generators

SOURCE: Fizika tverdogo tela, v. 8, no. 9, 1966, 2768-2769

TOPIC TAGS: pn junction, quantum generator, surface property

ABSTRACT: One of the major parameters determining the generation of radiation in semiconductor sources of coherent radiation with p-n junctions is temperature. In this connection, the study of heat sources existing in quantum generators is of interest. It is shown that the state of the diode surface (lateral faces and faces of the resonator) substantially affects the output parameters of a quantum generator. Indeed, if the surface recombination is nonradiative in character, an additional heating of the p-n junction is possible. It is known that the rate of surface recombination changes over wide limits with different modes of surface treatment of a semiconductor material. The change in the surface recombination rate as a result of the treatment causes a change in the volt-ampere characteristic of the diode. Etching of the lateral surfaces of a GaAs diode led to a decrease in the reverse current and to a shift of the straight branch of the volt-ampere characteristic toward higher voltages. Etching of

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ACC NR: AP6030976

the lateral faces of the diode caused a simultaneous decrease in the temperature of the p-n junction. The state of the surface substantially affects the condition of light generation in the p-n junction, and treatment of the diode surface causes a marked change in the course of the watt-ampere characteristic. It is concluded that a semiconductor quantum generator in the working state can be divided into two regions - the active, luminous region of the p-n junction surrounded on the side of all lateral faces by a passive thermal envelope. This condition must be taken into account in solving problems involving the heating up of p-n junctions. Orig. art. has: 2 figs.

09/  
SUB CODE: 20/ SUBM DATE: 23 Dec 65/ OTH REF: 001

Card 2/2 eaf

SOURCE CODE: UR/0188/66/000/006/0110/0110

ACC NR: AP7003319

AUTHOR: Logginov, A. S.; Senatorov, E. Ya.; Knab, O. D.; Kurylev, V. V.; Magalyan, V. I.

ORG: none

TITLE: Investigation of emission spectra of semiconductor lasers

SOURCE: Moscow. Universitet. Vestnik. Seriya III. Fizika, astronomiya, no. 6, 1966, 110

TOPIC TAGS: semiconductor laser, laser emission, laser radiation spectrum, emission spectrum, PN TRANSITION

ABSTRACT: An experimental investigation was made of the relation between the spectral characteristics of the emission of semiconductor injection lasers and the spatial distribution of the luminescence along the p-n transition (near field). It is shown that the observed complex composition of the emission spectra of semiconductor lasers, which does not conform to the rule for the selection of modes in Fabry-Perot resonators, is due to the independent generation of the emission in separate luminous channels of the p-n transition. The emission in separate groups of modes in spectra and the emission of the luminous regions of the p-n transition are generally polarized linearly in the p-n transition plane or perpendicularly to it. When the number of luminous channels is increased and a growth in their emission intensity occurs when the current between them is increased, an optical interaction occurs. However, the

UDCI: none

ACCESSION NR: AP4038898

S/0114/64/000/005/0006/0009

AUTHOR: Korsh, P. I. (Engineer); Povolotskiy, L. V. (Engineer);  
Knabg, A. G. (Engineer); Arkad'yev, B. A. (Engineer)

TITLE: Investigating nonsteady operation of cooled disk-type rotor of a gas turbine

SOURCE: Energomashinostroyeniye, no. 5, 1964, 6-9

TOPIC TAGS: turbine, gas turbine, gas turbine quick starting, gas turbine nonsteady operation, gas turbine disk rotor

ABSTRACT: Peak-load or reserve gas turbines in power-supply systems operate under repeated start-stop and quick-start conditions. Hence, it is essential to know the behavior of the most important gas-path parts subjected to varying high temperatures. Results of an experimental investigation of the temperature field in a disk-type rotor under nonsteady-operating conditions are reported. The temperature fields were measured under these conditions: (a) starting from the cold state without warming up; the maximum gas temperature was attained in

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ACCESSION NR: AP4038898

1-1.5 min, and the rated load was taken in 3.5-4 min; (b) starting with a 5-min, 40%-rpm, 520-550C-gas warm-up; and (c) starting one hour after the turbine shutdown, with the disk temperature 250-300C. Stresses in the disk (hub, tip) were estimated. These conclusions were reached: (1) Cold starting is not limited by the disk stresses; (2) The radial-blown system of cooling the test turbine is satisfactory; (3) N. A. Minyaylenko's method ("Determining temperature fields and stresses in gas-turbine disks," AN UkrSSR, 1960) ensures good agreement with the experiment. Orig. art. has: 6 figures, 1 formula, and 3 tables.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 05Jun64

ENCL: 00

SUB CODE: PR

NO REF SOV: 006

OTHER: 000

Card 2/2

DYBAN, Ye.P., kand.tekhn.nauk; STRADOMSKIY, M.V., kand. tekhn. nauk;  
SHVETS, I.T.. akademik; KNAEV, A.O., inzh.; POVOLOTSKIY, L.V.,  
inzh.; SHPET, N.O., inzh.

Study of the cooling system of a seamlessly forged drum rotor of an  
experimental gas turbine. Teploenergetika 12 no.5:26-31 My '65.  
(MIRA 18:5)

1. Institut tekhnicheskoy teplofiziki AN UkrSSR i Khar'kovskiy  
turbinnyy zavod imeni S.M.Kirova. 2. AN UkrSSR (forShvets).

KNABE, B.

From the construction of the first trackless distributing station of  
110 kv. in Poland.

P. 93 (WIADOMOSCI ELEKTROTECHNICZNE) (Warsaw, Poland) Vol. 17, no.4, Apr. 1957

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5. 1958.

8(6), 14(6)

SOV/112-59-4-6593

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 4,  
pp 29-30 (USSR)

AUTHOR: Shnay, Ya. I., and Knabe, G. A.

TITLE: On the Design Characteristics of a Gas-Turbine Locomotive Operating on  
Solid Fuel

PERIODICAL: Tr. Khar'kovsk. politekh. in-ta, 1957, Vol 24, pp 155-167

ABSTRACT: At present, the diesel motor is the most economical transport motor; however, it requires high-grade liquid fuel and considerable expense for lubrication (20% of the fuel cost). Today's capacity of a diesel unit is up to 2,000 hp. However, with certain fuel prices, gas-turbine locomotives can successfully compete with diesel locomotives. Using solid fuel is particularly promising in the case of gas-turbine locomotives. Solid-fuel burning in these locomotives is feasible in these three versions: (1) burning pulverized coal in a combustor before the turbine; (2) burning behind the turbine, and using a

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SOV/112-59-4-6593

**On the Design Characteristics of a Gas-Turbine Locomotive Operating on Solid Fuel**

high-temperature heat exchanger; (3) burning gasified fuel. Designing 2,000-hp and 3,000-hp gas-turbine locomotives along the second version has shown that with the turbine-entrance temperature of 650-700°C, the estimated efficiency is 18-20%. Steps toward a high economy under partial loads and the construction of a combustor and a heat exchanger are also considered. Estimates shown that with a power unit capacity up to 3,000 hp, the gas-turbine locomotive would consume 2.5 times less fuel than a steam locomotive.

V.S.P.

Card 2/2

CZECHOSLOVAKIA

KNABE, H., Prof. MD.

Prague, Ceskoslovenska Hygiena, No 1, 1965, pp 56-57

"Fifteen Years of Health Protection of the Rural Population in the German Democratic Republic."

KNABE, H.

Determination of morbidity among the rural population of the  
German Democratic Republic. Prac. lek. 15 no.2:66-69 Mr '63.

1. Ustav hygieny University Arnosta Morice Arndta v Greifswaldu,  
reditel prof. dr. Amon, katedra hygieny venkova, vedouci doc.  
dr. Knabe.

(MORBIDITY) (RURAL HEALTH)

NAEBE, W.

The influence of the velocity of shearing on the bearing capacity of soil. p.71

ROZPRAWY HYDROTECHNICZNE. (Polska Akademia Nauk. Instytut Budownictwa Wodnego)

Warszawa, Poland. no.4, 1958

Monthly List of East European Accessions Index, (EEAI) LC, Vol.8, no.6

June 1959

Unclassified

KNAKE, W.; WEDZIŃSKI, W.

The condensation of soil with a "walking" vibrator. p.97

ROZPRAWY HYDROTECHNICZNE. (Polska Akademia Nauk. Instytut Budownictwa Wodnego)  
Warszawa, Poland. no.4, 1958

Monthly List of East European Accessions Index, (EEAI) LC, Vol.8, no.6X  
June 1959  
Undl.

KNABE, W.J. JASTRZESKI, L.; TRZECIAK, Z.

Model tests on the bearing capacity of soil strengthened with a horizontal diaphragma placed at a certain depth under the model foundation.

ROZPRAWY HYDROTECHNICZNE. (Polska Akademia Nauk. Instytut Budownictwa Wodnego)  
Warszawa, Poland. no.4, 1958

Monthly List of East European Accessions Index, (EEAI) LC, Vol.8, no.6  
June 1959  
Uncl.

KHANENOV, V.G., podpolkovnik med. slushby, kand.med.nauk

Electrocardiography in medical examination for flying ability.  
Voen.-med.shur. no.11:59-62 N '57. (MIRA 11:4)

(ELECTROCARDIOGRAPHY,

of aviators, in selection of flying personnel (Rus)

(AVIATORS,

ECG, selection of flying personnel (Rus)

ALEKPEROV, I.I., kand. med. nauk; KARABEYGOV, V.G., kand. med. nauk;  
NADIROVA, N.P.; nauchnyy sotrudnik.

Clinical aspects of the vibration disease. Azerb. med. zhur.  
42 no. 7:65-67 J1 '65 (MIR 19:1)

1. Is Nauchno-issledovatel'skogo instituta gigiyeny truda i  
professional'nykh zabolеваний imeni Kirov'skogo Ministerstva  
zdravookhraneniya Azerbaydzhanskoy SSR direktor-dotsent  
I.O. Samedov).

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1

KNABENOV, V.G., kandidat meditsinskikh nauk, podpolkovnik meditsinskoy  
sluzhby

Expert testimony adiposity in aviation medicine. Voen.-med. zhur.  
no. 5:58-60 My '60. (MIRA 13:7)  
(OOPULENCE) (AVIATION MEDICINE)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1

ALIYEV, G.K.; GADZHIYEV, A.A.; LOGINOV, A.A.; KNABENCOF, V.G.; GADZHIYEV, I.M.

Motor chronaxia in premedication for local anesthesia with  
neuroplagic mixtures. Aserb. med. zhur. 42 no.4:15-20 Ap '65.  
(MIRA 18:9)

1. Iz kafedry khirurgii (sav.- zasluzhennyj deyatel' nauki prof.  
G.K. Aliyev) Azerbaydzhanskogo instituta usovershenstvovaniya  
vrachey imeni Aliyeva (rektor - kand. med. nauk B.M. Agayev).

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1"

GORDONSKIY, A.S.; KHAPEL', M.Ye.

Change in the number of ascarid eggs in the soil of irrigation fields. Med.paras.i paras.bol. no.3:285-287 '61. (MIRA 14:9)

1. Iz Ukrainskogo nauchno-issledovatel'skogo instituta kommunal'noy gigiyeny (dir. instituta - prof. D.N. Kalyushnyy).  
(ASCARIDS AND ASCARIASIS) (SOILS—MICROBIOLOGY)

GORODITSKIY, A.S.; KNAFEL', M.Ye.

Irrigation fields with special reference to sanitation and helminthology.  
Dig. 1 san. 24 no. 5:74-76 My '59 (MIRA 12:7)

1. Is Ukrainskogo nauchno-issledovatel'skogo instituta kommunal'noy  
gigiyeny.

(SEWAGE,

field irrigation, transm. of helminths (Rus))

(AGRICULTURE,

field irrigation with sewage, transm. of helminths (Rus))

(HELMINTHS,

transm. by field irrigation with sewage (Rus))

KNAFFEL, S.

Drainage of a structure built on marshy land. p. 38. (Molyepitesstudomanyi Szemle,  
Budapest, Vol. 5, no. 1, Jan. 1955)

SO: Monthly List of East European Accessions, (EKAL), LC, Vol. 4, No. 1, Jan. 1955, Encd.

KNAFL, V.

KNAFL, V. Economic aspects of construction of electric transmission lines.  
p. 260

Vol. 9, no 4/5, Apr./May 1956  
ELEKTROPRIVREDA  
TECHNOLOGY  
Beograd

See East European "cession, Vol. 6, no.3, March, 1957

KNAIBL J.

Effect of agnostenilben ointment on puerperal mastitis. Cesk. gyn.  
15:4-5 1950. p. 387-97

1. Of the Third Gynaecological and Obstetrical Clinic. (Head —  
Prof. Jiri Trapl, M. D.), Charles University, Prague.

CLML 19, 5, Nov., 1950

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1

APPROVED FOR RELEASE: 06/19/2000      CIA-RDP86-00513R000723320003-1"

SANTHOLZER, Vilem, prof. RNDr., DrSc.; NEKUDA, Otakar; KNAIFL, Josef.

Radioisotopes in nuclear fallout from megaton tests. Sborn.  
ved. prac. lek. fak. Karlov. Univ. 9 no.1:169-173 '64.

1. Katedra lekarske fysiky (prednosta: prof. RNDr. V. Santholzer,  
DrSc.); Katedra radichobiologie (prednosta: doc. MUDr. J. Mraz,  
CSc.) Karlovy University v Hradci Kralove.

KARANOV, S.K.; ZATULINA, N.I.; KNAK, I.P.

Study of Provasek's bodies in the population at a focus of trachoma  
in a rural area of Turkmenistan. Trudy Turk.nauch.-issl.trakh.inst.  
6:53-59 '60. (MIRA 15:11)

(TURKMENISTAN—CONJUNCTIVITIS, GRANULAR)  
(PROTOPLASM)

KHAK, N.A., khirurg

Analysis of hæmolitoses in a district hospital over a 10-year period. Zdrav.Belor. 6 no.2:55 P '60. (MIRA 13:6)

1. Is Ilyakhovichskoy rayonnoy bol'nitsey (glavnyy vrach T.A. Pantyushenko).

(HEMIA)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1

*KNACKE O.*

KNACKE, O. [Knacke, O.]; STRAISKIY, I.I. [Stranski, I.I.]

Mechanism of evaporation. Usp. fiz. nauk 68 no.2:261-305 Je '59.  
(Evaporation) (MIRA 12:5)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1"

KRYSIN, B.P., KRAKHOVSKAYA, F.B., VOLGIN, V.V.

Producing a foundry binder out of tar water from peat gasification plants. Gas, pros, no. 6813-15 Je '58. (MIRA 11:6)

(Sand, Foundry) (Binding materials)

(Peat gasification—By-products)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1

ROZENBLYUM, Yakov Shevelevich; MURAV'IEV, M.I., inzh., retsenent;  
KNAKHOVSKAYA, L.M., red.; PIATNITSKIY, V.N., tekhn.red.;  
VINOGRADOVA, O.A., tekhn. red.

[MVR-1 machine for the sewing on welt] Mashina MVR-1 dlia  
vshivaniia ranta. Moskva, Gislegprom, 1963. 113 p.  
(MIRA 17:3)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1"

LEVENKO, Petr Ivanovich; KUDRYA, Sergey Denisovich; MUKHANOV,  
Grigorii Vasil'yevich; NOVIKOV, V.S., inzh., retsenzent;  
KNAKHOVSKAYA, L.M., red.

[Specialization of the enterprises of the leather and  
shoe industry] Spetsializatsiya predpriatii kozheverno-  
obuvnoi promyshlennosti. Moakva, Issd-vo "Legkaia in-  
dustriia," 1964. 89 p. (MIRA 17:9)

VERB, Iosif Mendeleyevich; POLINSKIY, S.L., inzh., retsenzent;  
KNAKHOVSKAYA, L.M., red.

[Modern methods for the manufacture of protective clothing  
from plastic films] Sovremennoye sposoby izgotovleniya spe-  
tsial'noi odezhdy iz plenki. Moskva, Izd-vo "Legkaya in-  
dustriia," 1964. 130 p. (NRA 17:7)

RODIONOV, Aleksandr Mikhaylovich; KLOCHIKOV, S.A., retsenzent;  
NAKHOVSKAYA, L.M. red.; BATYREVA, G.G., tekhn. red.

[Dyeing of fur] Krashenie mukha. Izd.2., perer. i dop.  
Moskva, Gizlegprom, 1963. 261 p. (MIRA 16:12)  
(Fur--Dressing and dyeing)

FREYTSIS, Iosif Davidovich; GLUSKIN, I.Ya., inzh., retsenzent;  
KNAKHOVSKAYA, L.M., red.

[Centralized temperature regulation and control systems  
in manufacturing rubber and plastic articles] Tsentralizovannye sistemy regulirovaniia i kontrolia temperatury pri proizvodstve izdelii iz reiny i plasticheskikh mass. Moskva, Izd-vo "Legkaia industriia," 1964. 121 p.  
(MIRA 17:5)

MASHKOV, Anatoliy Nikolayevich; KUZNETSOV, B.A., prof., retsenz.;  
KLOCHKOV, S.A., insh., retsenz.; KNAKHOVSKAYA, L.M., red.;  
VINOGRADOVA, G.A., tekhn. red.; SHAPENKOVA, T.A., tekhn. red.

[Fur and fur garment sheepskins] Mekhovaia i shubnaya ovchina.  
Moskva, Gislegprom, 1963. 251 p. (MIRA 17:1)

POPOVA, Nadezhda Semenovna; SOSNO, A.M., retsenzent; KNAKHOVSKAYA,  
L.M., red.

[Practical advice on home sewing machines] Prakticheskie  
sovety po domashnim shveinym mashinam. Moskva, Izd-vo  
"Legkaya industriia," 1964. 144 p. (MIRA 17:4)

LEVENKO, Petr Ivanovich; KOKIN, V.N., inzh., retsenzent;  
KNAKHOVSKAYA, L.M., red.

[Chemical substitutes for materials made from edible  
products in light industry and the textile industry]  
Khimicheskie zameniteli materialov i pishchevykh pro-  
duktov v legkoi i tekstil'noi promyshlennosti. Moskva,  
Legkaia industriia, 1964. 125 p. (MIRA '8:1)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1

KOZLOV, Vasiliy Petrovich; RUKHOVICH, Yevgeniy Rafael'yevich;  
KORETKIN, Petr Petrovich; KNAKHNEKAYA, L.M., red.

[Two-needle 237 Class PMZ sewing machine with a P-[i.e., U-]  
shaped base plate] Dvukhigol'naia shveinaia mashina 237 klassa  
PMZ s P-obraznoi platformoi. Moskva, Legkaina industria,  
1965. 54 p. (MIRA 18:4)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1"

YELEN, Basya Lazarevna; VOL'VICH, Rozaliya Mikhaylovna;  
PRITALYUK, Fedor Vladimirovich; MOREKHODOV, G.A., kand.  
tekhn. nauk, retsenzent; KNAKHOVSKAYA, L.M., red.

[Efficient utilization of shoe fabrics] Ratsional'noe  
ispol'zovanie obuvnykh tkanei. Moskva, Legkaiia industriia,  
1965. 88 p. (MIRA 18:3)

LEVENKO, Petr Ivanovich; PAVLOV, L.P., insh., retsenzent;  
KNAKHOVSKAYA, L.M., red.

[Synthetic dubbing products and their derivatives in the  
leather and fur industry] Sinteticheskie shiruiushchie  
materialy i ikh proizvodnye v konzhevennoi i mekbovoi pro-  
myshlennosti. Moskva, Legkaiia industriia, 1965. 193 p.  
(MIRA 18:7)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1

VASIL'YEV, N.V.; DIVINSKIY, Yu.L.; KNAKHOVSKIY, A.A.; FADEYEV, N.P.

Overall mechanized unit for the production of flux. Biul.tekh.-  
ekon.inform.Gos.nauch.-issl.inst.nauch.i tekhn.inform 17 no.11:31-  
32 N '64. (MIRA 18:3)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1

VASIL'YEV, N.V., inzh.; DIVINSKIY, Yu.L., inzh.; KVAKHOVSKIY, A.A., inzh.;  
FADEYEV, N.P., inzh.

Equipment for the preparation of flux. Lit. proizv. no.11;  
19-20 N '65. (MIRA 16,12)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1"

ABRIKOSOV, Ivan Alekseyevich, prof., [deceased], YASHGORODSKIY, Viktor Georgiyevich, kand. meditsinskikh nauk.; YERDOROKO, F.I., red.; KNAKIN, M.T., tekhn. nauk

[Technology in the service of medicine; new medical instruments and methods] Tekhnika na sluzhbe meditsiny; novye meditsinskie pribory i metody. Moscow, Gos. izd-vo med. lit-ry, 1958. 95 p.

(MIRA 11:11)

(MEDICAL INSTRUMENTS AND APPARATUS)

KNALL, E.

Causes of oil consumption by motor vehicles and provisions for its reduction. p.354

TECHNICKA PRACA. Czechoslovakia. Vol. 7, No. 8, Aug. 1955

Monthly List of East European Acquisitions (EEAI), LC. Vol. 8, No. 9, September 1959  
Uncl.

KNALL, E.

KNALL, E.

KNALL, E. Causes of incorrect functioning of automobile steering  
gears. p. 17.

Vol. 4, no. 1, Jan. 1957  
REVISTA TRANSPORTURILOR.  
TECHNOLOGY  
RUMANIA

See: East European Accession, Vol. 6, No. 5, May 1957

ACC NR: AF0029167 EXP(4)/T NM/D8/W4

SOURCE CODE: RU/0003/66/017/002/0078/0080

28  
B

AUTHOR: Popa, O.; Orca, I.; Knall, H.

ORG: none

TITLE: Some characteristics of styrene-divinylbenzene copolymers and cationites of the Vionit CS-2 type with various degrees of cross-linking

SOURCE: Revista de chimie, v. 17, no. 2, 1966, 78-80

TOPIC TAGS: copolymer, styrene, vinyl compound, polymer cross linking

ABSTRACT: A report on the relation of various properties of styrene-divinylbenzene copolymers and CS-2 Vionit type cationites to the divinylbenzene content. Variation of swelling coefficient with degree of cross-linking, and effect of changes in temperature, particle size, solvent, etc. were determined experimentally, and the divinylbenzene content was expressed as a function of the corresponding swelling coefficient. Orig. art. has: 4 figures and 2 tables. [JPRS: 36,556]

SUB CODE: 07 / SUBM DATE: none / ORIG REF: 001 / Sov REF: 004  
OTH REF: 014

Card 1/1 JS

UDC: 661.183.123.21678.746.22-131678.762-13

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1

IONESCU, E.; PREDA, Victoria; KNALL, Ileana

Complex liquid fertilizers. Rev chimie Min petr 15 no. 5:  
245-251 My '64.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1

KHALL, L.; CABAN, H.

Safety membranes; utilization field and size determination.  
Rev chmde Min petr 14 no.4:214-221 Ap '63.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1

KHAMENSKIY, G. A., ed.

On the problem of ulcerous ailments. Leningrad, 1949. 209 p.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1"

DOSTALOVA, L.; ~~KRÁP, J.~~; VANDEK, K.

Contribution of the treatment of leukorrhea in children. Cesk.  
gyn. 25[39] no. 1/2:91-95 Mr'60.

1. Gyn.-porod. odd. OUHZ v Opave, prednosta prim. dr. O. Sipek.  
(LEUKORRHEA in inf. & child)  
(CHLOROPHYLL ther.)

KNAF, J.

"Aeroclub committee, an active aid to the glider chief." p. 148. (Kridla Vlasti, No. 7, March 1954, Praha.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954.  
Uncl.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1

KNAP, J.

Knap, J. We start with the aid of a winch. (To be contd.) p. 280.  
KRIDLA VLASTI. Praha. No. 12, June 1955.

90: Monthly List of the East European Accession, (EEAL), LC. Vol. 4,  
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APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1"

KMAP, J. - Kridla Vlasti No. 13, June 1955

We start with the aid of a winch. (Conclusion) p.304

Searching for the "deadspot" and ignition adjustment by means of control

lights. p.306

SO: Monthly List of East European Accessions, (EERAL), LC, Vol. 4, No. 9, Sept. 1955, Ural.

KNAP, J.

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( To be contd.) p. 22.

No. 1, 1957  
KRIDLA VLASTI  
TECHNOLOGY  
Czechoslovakia

So: East European Accesion, Vol. 6, No. 5, May 1957

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(Kridla Vlasti, No. 3, Feb 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

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CIA-RDP86-00513R000723320003-1

MAP, J., dr.

Defense or an attack? The European social charter.  
Soc revue 8 no.1:1-8 '62.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1"

FITZ, Herbert; KMAP, Milaw, ins.

Effect of the design and operational adjustment on the output  
of tank furnace. Sklar a keramik 12 no.121353-358 D '62.

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"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1

MINELOIC, Franjo; KNAF, Mirko

The report of the Zagreb Maphtha Institute on the production of  
vacuum devices and instruments. Nova prosv 13 no.1:36-37 '62.

APPROVED FOR RELEASE: 06/19/2000

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"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1

KWAPCZYK, Henryk, mgr., inz.

New method for laboratory testing of the washability of coal of  
minus 3 mm size. Przegl gorn 18 no. 3:177-179'62.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1"

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Blood loss determination in surgeries in children. Przegl. lek.  
Krakow 10 no.12a:379-382 Dec 54.

l. z III kliniki chirurg. A.M. w Krakowie - kierownik prof.  
dr. J.Jasienski

(SURGERY, OPERATIVE, blood in  
blood loss determ. in child.)  
(BLOOD VOLUME, determination  
in surg. in child.)

1. KMAPE, P.

2. USSR (600)

4. Potatoes

7. Solving urgent problems in potato selection. Latv. PSR Z in. Akad. Vestis no.2, 1951

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KNAPE, R.Y.

Investigating the dynamics of seashores of the German Democratic Republic. Trudy Okna, kom. 2:176-188 '57. (MIRA 10:9)

1. Pribaltiyskiy filial Gipromyaso MPN i MP SSSR.  
(Germany, East—Seashores)

SVOBODA, M.; KNAPEK, B.; ZALICHEK, K.

Effect of the method of application of paint and varnish coatings  
on their protective properties. Lakokras.mat.1 1kh prim.  
no.1:44-45 '63. (MIRA 16:2)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut  
zashchity materialov imeni G.V. Akimova, Praga, Cheskoslovatskaya  
Sotsialisticheskaya Respublika.  
(Protective coatings)  
(Paint materials)

SVOBODA, Miroslav; KNAPEK, Bernard

Contribution to the study on the protective properties of coatings.  
Chem prum 14 no.11:600-602 N '64.

1. State Research Institute of Material Protection, Prague.

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CIA-RDP86-00513R000723320003-1

RE 100

CHIEFLY IN AIR, THE LOW-MOLECULAR-COMPONENTS VOLATILIZE, AND THIS IS FOLLOWED BY  
BY THE DEGRADATION OF THE POLYMER DURING THE REMAINDER OF THE AGING PROCESS.  
THE DEGRADATION OF THE POLYMER IS A FUNCTION OF THE EXPOSURE TEMPERATURE.

100-10

RNC L: 06

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1"

SVOBODA, M.; KNAPEK, B.; SMRCKOVA, J.

Effect of pigments on the heat resistance of coatings. Chem  
prum 15 no.2:89-91 F '65.

1. State Research Institute of Material Protection, Prague.

KNAPK, Prager Dr (Omphelma)

Lehabilitatiion following fractures of long bones of the lower  
extremities. Acta chir orthop Cz 21 no.2:50-57 Ap '54. (ERAL 3:8)  
(LBO, fractures, (FRACTURES,  
"rehabil.) "leg, rehabil.)  
(REHABILITATION, in various diseases,  
"leg fract.)

KNAPEK, V.

Posttraumatic rehabilitation in athletes. Acta chir. orthop.  
traum. cech. 30 no. 3:261-266 Je '63.

1. Rehabilitacni ustan v Chuchelne.  
(SPORT MEDICINE) (REHABILITATION)  
(WOUNDS AND INJURIES)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1

KNAPEK,V.

Neobacitracin Spofa ointment in dermatological practice. Cesk.  
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1. Kosmí klinika lekarske fakulty UJEP [University J.E.  
Purkyne] v Brne; prednosta: prof. dr. J. Horacek.

APPROVED FOR RELEASE: 06/19/2000

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Errors in rehabilitation after bone and joint injuries. Acta  
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1. Rehabilitaci ustat v Chychalne.

KNAPEK, V.

Rehabilitation department in the polyclinic. Acta chir. orthop.  
traum. Cech. 32 no.4:363-367 Ag '65.

1. Rehabilitacií ustav v Chuchelne.

KNAPEK, V.

Rehabilitation of patients with injuries of the meniscus of  
the knee. Acta chir. orthop. traum. dach. 30 no.4:349-352  
Ag '63.

1. Rehabilitaci ustan v Chuchelne.  
(KNEE INJURIES) (REHABILITATION)  
(CARTILAGE)

KHAPEK, Vladimir, MUDr.

Organization and methodology of post-traumatic rehabilitation.  
Cesk. zdravot. 4 no. 8:463-468 Aug 56.

1. Vedouci lekar rehabilitaciho ustanov v Chuchelne, kraj  
Ostrava.

(REHABILITATION,  
post traum. (Cs))

KHAPELL, R. B. brigadir prokhodchikov

Mountains withdraw. Transp.stroi. 14 no.12:34-35 D '64.

(MIRA 19:1)

1. Stroitel'noye upravleniye No.98 Glavnogo upravleniya po  
stroitel'stvu tonnely i metropolitenov.

TELESZYNSKI, Zdzislaw; KNAPIK, Aleksy; STEDZIAŁKOWSKI, Andrzej; WĘGLARZ,  
Zenon

Injury of spinal ligaments. Chir. narzad. ruchu ortop. Pol. 29  
no. 6:697-701 '64

I.Z Oddziału Ortopedyczno-Urazowego Powiatowego Szpitala im.  
J.J. Awlowa w Kościerzynie (ordynator: dr. med. K. Teleszyński)

TELESZINSKI, Zdzislaw; KNAPIK, Aleksy; WEGLARZ, Zenon.

Effect of floor vibration on workers' health. Med. pracy 16  
no.1s71-73 '65

1. Z Oddzialu Ortopedyczno-Urazowego Powiatowego Szpitala im.  
I.P.Pawlowa w Koszu (Ordynator: dr. med. Z. Teleszynski).

JARNUSZKIEWICZ, Irena; KWIATKOWSKI, Bartłomiej; KNAPIK, Andrzej

A study on the aerosols formed during welding works. I. The morphology of particles. Bull. inst. mar.med. Gdańsk. 15 no.1:53-59'64

1. From the Institute of Marine Medicine in Gdańsk.

GRUSZKA, Stanislaw; KNAPIK, Danuta

A case of rheumatoid arthritis changed to visceral lupus erythematosus. Pol. tyg. lek. 19 no.6:222-223 3 P'64

1. Z II Kliniki Chorob Wewnętrznych AM we Wrocławiu; kierownik:  
prof. dr. med. Antoni Falkiewicz.

\*

GRUSZKA, Stanislaw; KNAPIK, Danuta; PARTIKA, Tadeusz

Pancytopenia of serological origin - description of 2 cases.  
Polski tygod. lek. 15 no.30:1160-1163 25 XI '60.

1. w II Kliniki Chorob Wewnętrznych A.M. we Wrocławiu, kierownik:  
prof. dr A.Jalkiewicz i z Wojewódzkiej Stacji Krwiodawstwa we  
Wrocławiu, kierownik: doc. dr T.Dorobisz  
(ANEMIA APLASTIC case reports)

KNAPIK, J.

Tasks of the Scientific-Technical Association of Engineers and Technicians of  
the Paper Industry on the eve of the 5-Year Plan. p. 353. PRZEGLAD PAPIERNICZY.  
Lodz. Vol. 11, no. 12, Dec. 1955

Source: East European Accessions List, (EEAL), Ic, Vol. 5, No. 3, March 1956

KNAPIK, Stefan

Combined methods in the surgical treatment of mandibular  
fractures. Czas. stomat. 18 no.8/9:1173-1179 Ag-S '65.

1. Z Kliniki Chirurgii Stomatologicznej Slaskiej AM w Zabrze  
(Kierownik: prof. dr. M. Jankowski).

Knapik, Stefan; Majewski, Henryk

A case of cystic odontoma. Pat. polska 10 no.3:341-347 '59.

1. Z Kliniki Chirurgii Stomatologicznej Sz. A.M. w Zabrsu. Kierownik: prof.dr M. Jankowski, z Zakladu Anatomii Patologicznej Sz. A.M. w Zabrsu. Kierownik: doc.dr W. Niepolomski.  
(Cysts DENTIGEROUS case reports)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1

BANAS, Marian, dr ins.; KNAPIK, Stefan, dr ins.

Contribution to the history of applied geology. Rudy i  
metale. 9 no. 6:317-321 Je '64.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1

KNAPIK, Stefan, dr inż.

Important periods in the history of the Polish iron metallurgy  
from ancient times to the Second World War. Wiad hut 15 no.11:  
345-346 N '64.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320003-1"

KHAPIK, Boguslaw; TARNAWSKI, Stanislaw

Prolonged ventricular asystole in myocardial infarction in a case of diabetes; clinical and electrocardiographic picture. Polak tygod. lek. 9 no.31:975-979 2 Aug 54.

1. W Oddziale Wewnętrznoj A Szpitala Miejskiego im. J.Babiskiego we Wrocławiu. Zakład Interzy Oddziału I.D. i S.K.L. we Wrocławiu; lekarz doc. dr med. Josef Kaniak.

(DIABETES MELLITUS, complications,  
myocardial infarct with ventric. asystole)

(HEART DISEASE,  
ventric. asystole in myocardial infarct in diabetes  
mellitus)

(MYOCARDIAL INFARCT, complications,  
ventric. asystole in diabetes mellitus)

KANIAK, Josef; KWIATKOWSKI, Zbigniew

Therapy of primary chronic reticulo-endotheliosis with insulin, ACTH  
& splenectomy. Polski tygod. lek. 10 no.9:270-272 28 Feb 55.

1. w Zakladu Chorob Wewnetrznych Oddzialu Wroclawskiego Instytutu  
Doskonalenia i Specjalizacji Kadra Lekarskich na basie Oddzialu  
Wewnetrznego A Szpitala Miejskiego im.J.Babinskiego we Wroclawiu;  
kierownik: doc. dr Josef Kaniak. Wroclaw 9, ul. K. Szymonowskiego 1.

(SARCOMA, RETICULUM CELL, therapy,

insulin, ACTH & splenectomy)

(INSULIN, ther. use,

sarcoma, reticulum cell, alone & with splenectomy)

(ACTH, ther. use,

sarcoma, reticulum cell, alone & with splenectomy)

(SPLENECTOMY, surgery,

excis. in ther. of sarcoma, reticulum cell, with insulin  
& ACTH)

KNAPIK, Z

T-5

POLAND/Human and Animal Physiology. Circulation

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65230

Author : Knapik Zbigniew, Tarczowski Stanislaw

Inst : -

Title : An Electrocardiographic Study of the Effect of Ergotamine  
on Disturbances in Intraventricular Conduction.

Orig Pub : Polski tygod. lekar., 1957, 12, No 26, 996-998

Abstract : In one case of combined first degree A-V block and right  
bundle branch block, intramuscular injection of 0.5 mg  
gynergen resulted in a temporary worsening of A-V conduc-  
tion (second and third degree block) and improvement of  
intraventricular conduction(normalization of the duration  
of the QRS complex). This contradicts the commonly ac-  
cepted notion of a positive chronotropic effect of in-  
creased tonus of the sympathetic system upon all divisions  
of the heart.—N.A. Magazanik

Card : 1/1 Z Zakladu Chorob Wewnetrznych Instytutu Doskonalenia i  
Specjalizacji Kadr Lekarskich --Oddzial we Wrocławiu na  
bazie Szpitala im Józefa Jezińskiego

KANIAK, Josef; KNAPIK, Zbigniew.

APPROVED FOR RELEASE: 06/19/2000  
No translation. Polish tygod. lek. 12 CIA-RDP86-00513R000723320003-1

1. z Zakladu Chorob Wewnetrznych Instytutu Doskonalenia i Spec-  
jalizacji Kadr Lekarskich; Oddzial we Wrocławiu: kierownik: doc.  
dr med. Josef Kaniak. Adres: Wrocław 9, ul. K. Szymanowskiego 1.  
(PANICULITIS, case reports,  
Weber-Christian dis. (Pol))

KNAPIK, Zbigniew  
KNAPIK, Zbigniew; TANIAWSKI, Stanislaw

Primary aneocinophilia. Polski tygod. lek. 12 no. 41:1575-1579 14 Oct 57.

1. z Zakladu Chorob Wewnetrznych Instytutu Doskonalenia i Specjalizacji Lekarskich, Oddzial we Wrocławiu na bazie Szpitala im. J. Babinskiego; kierownik: doc. dr med. J. Kaniak i z Wojewodzkiej Poradni Chorob Throcyd we Wrocławiu; kierownik: dr med. A. Pacynski. Adres: Wrocław 5, ul. Chorszowska 2/2.

(BASIMOPHIL COUNT,  
aneocinophilia, primary (Pol))

POLAND/Human and Animal Physiology - Blood. Blood Diseases. T

Abs Jour : Ref Zhur Biol., No 3, 1959, 12715

Author : Knopik, Zbigniew; Tarnawski, Stanislaw

Inst : ~~Wrocław University~~

Title : Primary Aneosinophilia

Orig Pub : Polski tygod. lekars., 1957, 12, No 41, 1579-1581

Abstract : In patients with Graves's-Bazetov's disease and chronic cholecystitis for 2½ years no eosinophiles were observed in the peripheral blood or in the blood marrow. The blood was studied during the period of exacerbation of the disease, the stage of remission, and the period of allergic manifestations. Aneosinophilia was considered a primary condition of unknown etiology. Evidently it is related to an anatomical or biochemical anomaly. --  
A.D. Zhuchkova

Card 1/1

- 50 -

Knapik, Zbigniew; Krynicki, Zbigniew

Peripheral vascular diseases and flatfoot. Polskie arch.med. wewn.  
28 no.5:714-716 1958.

1. w Zakładu Interny Instytutu Doskonalenia i Specjalizacji Lekarzy  
Lekarskich na bazie Szpitala Wojewódzkiego Kierownik: prof. dr med.  
J. Kaniak i Oddziału Ortopedycznego Szpital Wojewódzkiego we Wrocławiu  
Ordynator: dr med. J. Kowalski. Adres autora: Wrocław, ul.

Chorsowska 2.

(VASCULAR DISEASES, PERIPHERAL,  
relation to flatfoot (Pol))

(FLATFOOT,  
relation to peripheral vasc. dis. (Pol))

KANIAK, Józef; KASPRZAKOWA, Janina; KWIATKOWSKI, Zbigniew; PAGIERSKI, Andrzej.

Remote results of insulin therapy of peripheral vascular diseases;  
Polskie arch. med. wew. 28 no.5:783-786 1958.

1. Z Zakladu Interny Instytutu Doskonalenia i Specjalizacji Lekar  
Lekarskich we Wrocławiu na bazie Szpitala Wojewódzkiego im. J. Babinskiego  
we Wrocławiu Kierownik: prof. dr med. J. Kanicki. Adres autora:

Wrocław, 9 ul. Skymansowskiego 1;

(VASCULAR DISEASES, PERIPHERAL, ther.

insulin, remote results (Pol))

(INSULIN,ther use

peripheral vasc. dis., remote results (Pol))

KANIAK, Józef; KASPRZAKOWA, Janina; DŁAPIK, Zbigniew

Treatment of peripheral vascular diseases with drugs acting on the nervous system. Polskie arch.med. wewn. 28 no.51800-803 1958.

1. w Zakładu Interny Instytutu Doskonalenia i Specjalizacji Kadr Lekarskich we Wrocławiu na bazie Szpitala Wojewódzkiego im. J. Babińskiego Kierowniki: prof. dr med. J. Kaniak. Adres autora: Wrocław, ul. Szymonowskiego 1.

(VASCULAR DISEASES, PERIPHERAL, ther.  
chlorpromazine, reserpine & tetraethylammonium (Pol))

(CHLORPROMAZINE, ther. use  
peripheral vasc. dis., alone & with reserpine & tetraethylammonium (Pol))

(RESERPINE, ther. use  
peripheral vasc. dis., alone & with chlorpromazine  
& tetraethylammonium (Pol))

(TETRAETHYLAMMONIUM, ther. use  
peripheral vasc. dis., alone & with chlorpromazine  
& tetraethylammonium (Pol))

(TETRAETHYLAMMONIUM, ther. use  
peripheral vasc. dis., alone & with chlorpromazine  
reserpine (Pol))

KWIATKOWSKI, Zbigniew; KOZIOL-WIDMOWA, Krystyna; PACZYNSKI, Andrzej

Transitory bundle branch block in atherosclerosis of the coronary vessels. Polskie arch.med. wewn. 30 no.7:886-888 '60.

1. w Oddzialu Wewnętrznego a Szpitala Wojewódzkiego we Wrocławiu  
Zakład Interny S.D.L. Kierownik: prof. dr med. J.Kaniak  
(CORONARY DISEASE compl)  
(HEART BLOCK etiol)

KASPRZAK, Janina; KWIATKOWSKI, Bolesław; PACZYNSKI, Andrzej

Correlation between the appearance of atherosclerosis of the coronary vessels and arteries of the extremities. Polskie arch. med. wewn. 30 no.7:889-891 '60.

1. Z Oddziału Wewnętrznego A Szpitala Wojewódzkiego we Wrocławiu  
Oddział S.D.L. Kierownik: prof. dr med. J. Kaniak  
(ARTERIOSCLEROSIS statistic)  
(CORONARY DISEASE statistic)

KANIAK, Józef; KAPIK, Zbigniew

Effect of influenzal infection on the appearance and clinical  
picture of myocardial infarct. Polskie arch. med. wewn. 31 no.4:  
465-468 '61.

1. Z Zakładu Interw. SLD na bazie Szpitala Wojewódzkiego we  
Wrocławiu i z Kliniki Chorób Zahmnych AM we Wrocławiu Kierownik:  
prof. dr med. J. Kaniak.

(INFLUENZA compl) (MYOCARDIAL INFARCT compl)

KNAPIK, Zbigniew; PACZYNSKA, Dorota

Sensitization to meprobamate. Polski tygod. lek. 16 no. 26: 997-1000  
26 Je '61.

1. Z Oddziału "A" chorób Wewnętrznych Szpitala Wojewódzkiego i Zakładu  
Chorób Wewnętrznych S.D.L. we Wrocławiu; kierowniki: prof. dr med.  
Josef Kaniak.

(MEPROBAMATE toxicol)

KANIAK, Józef; HALAZINSKI, Stefan; ENAPIK, Zbigniew

Diabetes and pregnancy. Conduction of pregnancy and labor  
in diabetic women. Pol. tyg. lek. 18 no.35:1301-1303 26 Ag 1963.

1. z Zakladu Interny; kierownik: prof. dr med. Józef Kaniak  
1 z Zakladu Ginekologiczno-Położniczego; kierownik: dr med.  
Stefan Halazinski, Studium Doskonalenia Lekarszy we Wrocławiu -  
Szpital Wojewódzki.

(PREGNANCY IN DIABETES) (DELIVERY)  
(CESAREAN SECTION)

## POLAND

HALAZINSKI, Stefan, KANIAK, Jozef, KNAPIK, Zbigniew, and PACZYNSKI, Andrzej; Department of Internal Diseases (Zaklad Chorob Wewnetrznych) (Director: Prof. Dr. med. Jozef KANIAK) and Department of Obstetrics and Gynecology (Zaklad Ginekologiczno-Położniczy) (Director: Dr. med. Stefan HALAZINSKI) of Physicians Postgraduate Training Program (Studium Doskonalenia Lekarzy), Województwo Hospital (Szpital Wojewódzki) in Wrocław.

"Diabetes and Pregnancy. Prophylaxis: Glycemic Curve in Patients Delivering Enormous Foetus."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 36, 2 Sep 63,  
pp 1338-1340

Abstract: [Authors' English summary modified] Authors analyzed glycemic curve of 73 women who delivered enormous foetuses and classified them by height and shape of the curves. Normal hyperglycemic curves were found in 54, latent diabetes appearing during pregnancy -- in 3, and latent future diabetes -- in 16. Authors suggest that studies on the carbohydrate metabolism may be of great value in diagnosing diabetes and preventing complications.  
1/1 25 refs: 5 Polish, 4 German, 16 Western.

KNAPIK, Zbigniew; PACZYNSKA, Dorota; ZARSKI, Janusz

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723320003-1  
Paraffin Incidence 06/19/2000 769-770 24 My '63.

1. Z Katedry Medycyny Ogólnej Studium Doskonalenia Lekarzy w Warszawie, na bazie Oddziału Wewnętrznego A Szpitala Wojewódzkiego we Wrocławiu (Kierownik: prof. dr. med. Józef Kaniak).